



Science Advisory Board

Priorities for Weather Research

15 March 2021

Priorities for Weather Research (PWR) Presentation

- Background & Initial Actions
- PWR Scoping Team
- Recommended Charge to PWR Study Team

FY21 Omnibus Appropriations Act Language

Report on Weather Research Priorities.- In lieu of House language on a Weather Decadal, the agreement directs NOAA's Science Advisory Board to publish a report, not later than one year after enactment of this Act, that provides policymakers with the relevant information necessary to prioritize investments in weather forecasting, modeling, data assimilation, and supercomputing over the next ten years; and that evaluates future potential Federal investments in science, satellites, radars, and other observation technologies, to include surface and boundary layer observations so that all domestic users of weather information can receive data in the most efficient and effective manner possible.

PWR Scoping Team

Organization	Name
SAB	John Kreider
EISWG	Brad Colman Scott Glenn Bill Gail
NOAA	OAR – Craig McLean NWS – Louis Uccellini NWS – Steve Smith NESDIS – Mitch Goldberg OMAO – Nancy Hann
Other	Bob Winokur Everette Joseph

Purpose of Scoping Team

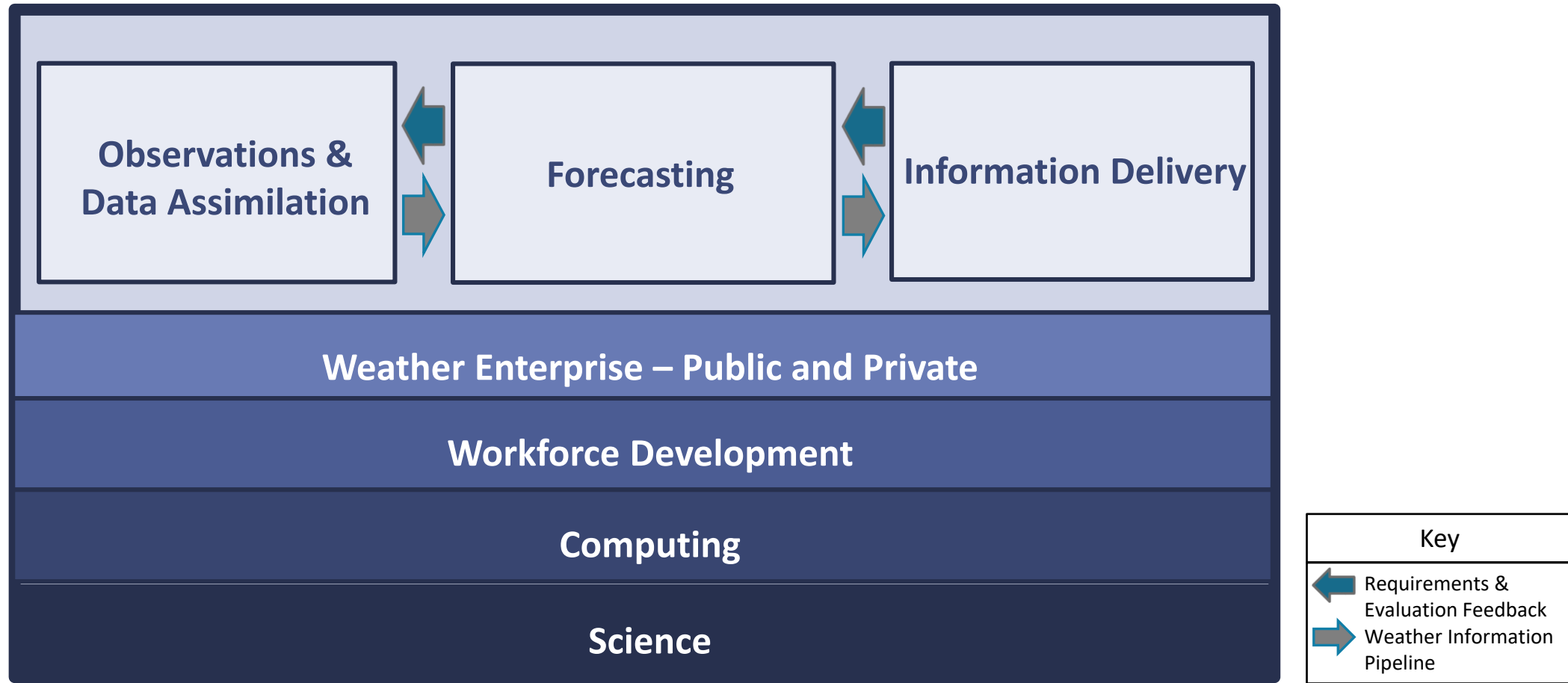
- **Purpose of the Scoping Team** is to recommend to the NOAA SAB
 - Well-defined purpose, scope, and boundaries for the Decadal Weather Research Priorities Study Team (Study Team); and
 - Organizations and/or individuals as potential members of the Study Team
- **This scoping effort is critical because:**
 - Current language from the 2021 Omnibus Appropriations Act is vague and broad
 - The Study Team effort will be limited (members are unpaid and have only 9 months to complete the study)
 - There are differences of opinion among NOAA leaders as to primary objectives and focus areas for study

Scoping Team

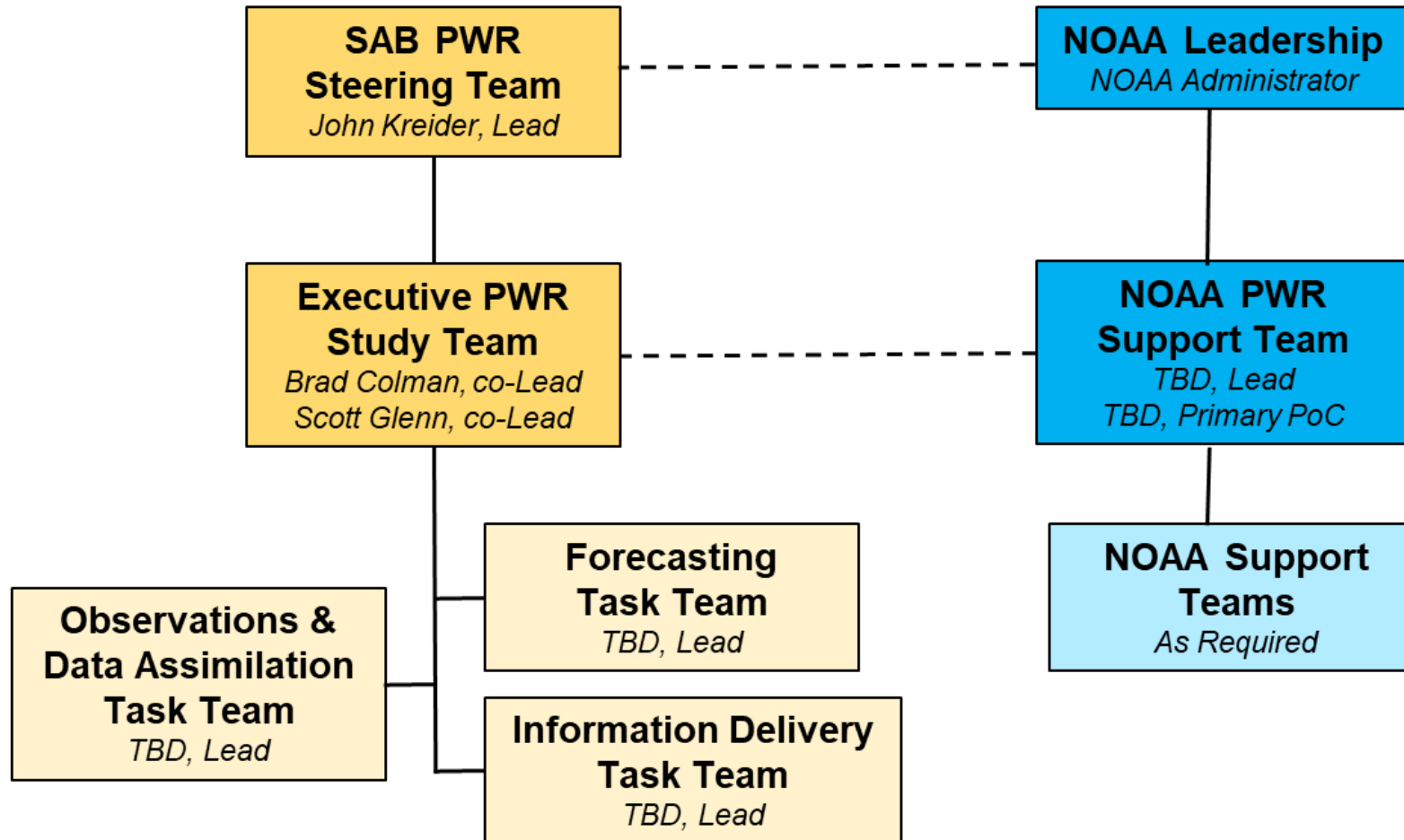
- **Actions**
 - Met with Senate Staffers to discuss intent and questions (1 March)
 - Held two meetings – March 3 & 8
 - Developed draft charge to Study Team subsequent to Meeting #1, circulated to Scoping Team for review, and finalized document
 - Circulated to SAB for review
- **Proposed Study Team Co-Leads**
 - Dr. Brad Colman
 - Dr. Scott Glenn

Priorities for Weather Research (PWR) Investments

Strategic Framework: 3 Pillars & Foundational Elements

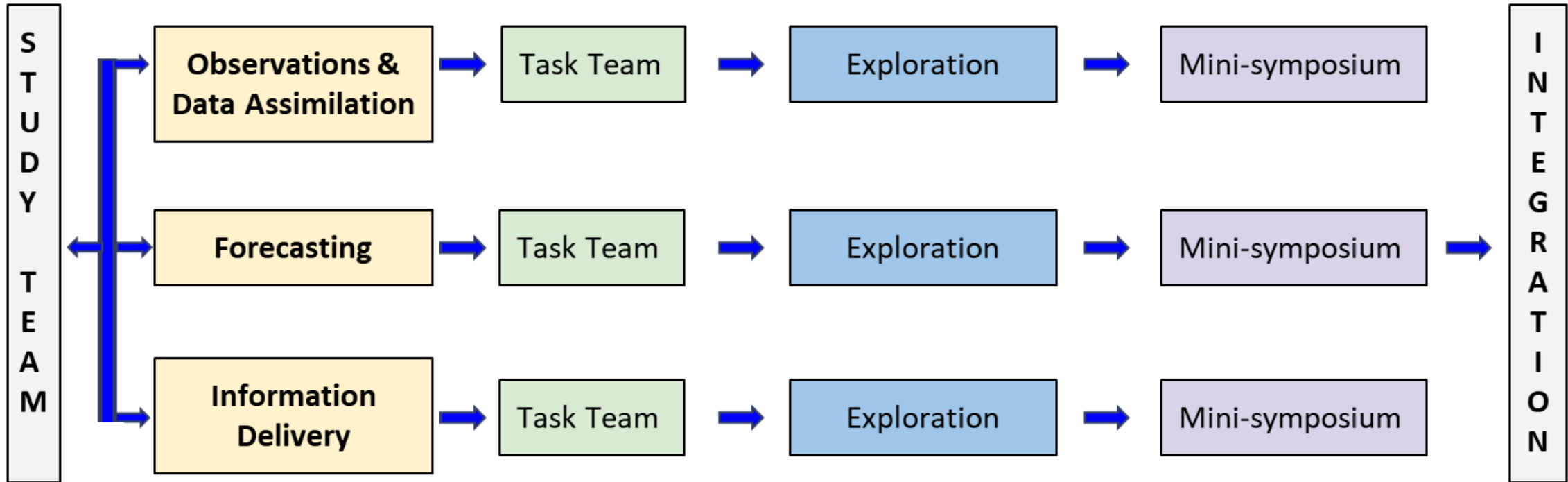


PWR Study Team Organization



PWR Study Team

Parallel Information Gathering Pipeline



PWR Study Team Proposed Schedule

- **15 March – SAB Discussion and Approval of Charge to PWR Study Team**
- June – Task Teams hold mini-symposia and prepare summaries
- August – present extended report outline to SAB for review and course correction (as required)
- October – complete second draft report and submit to SAB
- November – Study Team addresses comments and revises report
- December – SAB meeting to discuss and approve final report for submission to Congress